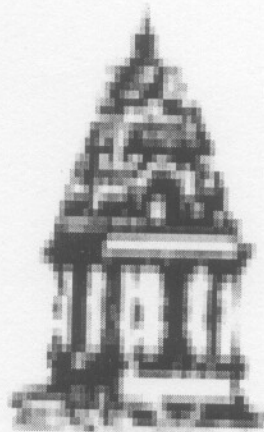


BRUHAT BANGALORE MAHANAGARA PALIKE



**Asst. Executive Engineer,
Shettyhalli Sub Division,**

Name of Work Improvements of CC roads and RCC drains at Bylappa Circle 9th A & B Cross 1& 2nd Cross back side to Mutturayaswamy temple roads and other roads in Ward No.13, Shettyhalli Sub Division.

Est Cost:50.00 (Rs in Lakhs)

Bruhath Bangalore Mahanagara Palike Dasarahalli Zone

Name of Work: Improvements of CC roads and RCC drains at Bylappa Circle 9th A & B Cross 1& 2nd Cross back side to Mutturayaswamy temple roads and other roads in Ward No.13, Shettyhalli Sub Division.

Est .Cost Rs.50.00 Lakhs

SI No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB 300-3. Earthwork excavation by manual means in ordinary soil involving in average horizontal throw up to 2m & an average lift upto 1.5m , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3. Page No. 141/ Item No. 19.1/ PWD SR 2015-16.								
	9th Cross - Bylappa Circle	Cum	2	60.00	0.90	0.90	97.20		
	9th A Cross - Bylappa Circle		2	60.00	0.90	0.90	97.20		
	9th B Cross - Bylappa Circle		2	67.00	0.90	0.90	108.54		
	1st Cross - Bylappa Circle		2	75.00	0.90	0.90	121.50		
	2nd Cross - Bylappa Circle		2	80.00	0.90	0.90	129.60		
							554.04	83.16	46074.00
	Basic Rate	77.00							
	Area Weightage @ 8%	6.16							
		83.16							
2	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.3 Page No.12/ Item No. 4.3/ PWD SR 2015-16								
		Cum	2	60.00	0.90	0.15	16.20		
			2	60.00	0.90	0.15	16.20		
			2	67.00	0.90	0.15	18.09		
			2	75.00	0.90	0.15	20.25		
			2	80.00	0.90	0.15	21.60		
							92.34	5070.60	468219.00
	Basic Rate	4695.00							
	Area Weightage @ 8%	375.60							
	Total	5070.60							
3	KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with with 20mm and down size graded granite metal, coarse aggregate @ 0.69 cum and fine aggregates @ .460cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafairmed -2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedestals, retaining walls, staircase, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.5 ,P.13/I.4.11/ PWD SR 2015-16								
	Bed	Cum	2	60.00	0.80	0.15	14.40		
	Wall		2x2	60.00	0.15	0.65	23.40		
			2	60.00	0.70	0.15	12.60		
			2x2	60.00	0.15	0.65	23.40		
			2	67.00	0.70	0.15	14.07		
			2x2	67.00	0.15	0.65	26.13		
			2	75.00	0.70	0.15	15.75		
			2x2	75.00	0.15	0.65	29.25		

		2	80.00	0.80	0.15	19.20		
		2x2	80.00	0.15	0.65	31.20		
For Covering		2	60.00	0.80	0.15	14.40		
		2	60.00	0.80	0.15	14.40		
		2	67.00	0.80	0.15	16.08		
		2	75.00	0.80	0.15	18.00		
		2	80.00	0.80	0.15	19.20		
						291.48		
Ded for Openings	5.00	20	0.90	0.90	0.15	12.15		
				Net Qty		279.33	6198.12	1731321.00
Basic Rate	5739.00							
Area Weightage @ 8%	459.12							
Total	6198.12							
4 KSRB 4.9.2: Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3, TMT bars Fe 500. Page No. 17/ Item No. 4.46.2/ PWD SR 2015-16								
	Qtls		279.33	x	60kgs	16759.80		
						say		
						167.60	6980.58	1169931.00
Basic Rate	6463.50							
Area Weightage @ 8%	517.08							
Total	6980.58							
5 KSRB 4-6.9: Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walss at any thickness, including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specification. Specification No. KSRB 4.6.9. exceeding 1m in depth. Page No. 15/ Item No. 4.31/ PWD SR 2015-16								
	Sqm	2x4	60.00		0.90	432.00		
		2x4	60.00		0.90	432.00		
		2x4	67.00		0.90	482.40		
		2x4	75.00		0.90	540.00		
		2x4	80.00		0.90	576.00		
		2	60.00		0.60	72.00		
		2	60.00		0.60	72.00		
		2	67.00		0.60	80.40		
		2	75.00		0.60	90.00		
		2	80.00		0.60	96.00		
						2872.80	306.72	881145.00
Basic Rate	284.00							
Area Weightage @ 8%	22.72							
	306.72							
6 Providing & laying reinforced cement precast slabs of mix CC 1:11/2:3 using 20mm & down size graded Granite metal using HYSD 10mm dia steel @ 100mm c/c both ways & Complete as per specifications.								
	Sqm	2	19.00	0.60	0.90	20.52		
		2	20.00	0.60	0.90	21.60		
		2	25.00	0.60	0.90	27.00		
		2	28.00	0.60	0.90	30.24		
		2	30.00	0.60	0.90	32.40		
Missed Slabs		1	34.00	0.60	0.90	18.36		
Approved Rate of Precast slab	1600					150.12	1600	240192.00

7	Disposal of debris to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work, lead 10 Km a) Basic rate for haulage of materials as per item No. 17.4/KSRRB : M100-4.1 Rs. 2.00 Tonne/Km b) Average earth of work 1.28 Tonne/Km for Rs. 2.00/Km c) Add loading and unloading Item No. 17.1 KSRRB M 100-1 Rs. 68.00 (P.133 I.18.57/1) 2015-16								
	Qty Vide Item No=1	Cum					554.04		
	Qty Limited to						554.04	81.73	45284.00
	(For 3 km = 3 x 1.28 x 2.0)	7.68							
	Loading and Unloading Charges	68.00							
		75.68							
	Area Weightage @ 8%	6.05							
	Total	81.73							
								Sub Total	4582166.00
8	KRIDL Charges 8%								366573.28
9	Qc Charges - 1%								50000.00
10	Miscellaneous and unforeseen Charges								1261
								Total	5000000.00
(Rupees Fifty Lakhs Only)									

CERTIFICATE

- 1 The Work spot has been inspected and the work found to be necessary
- 2 The Estimate is prepared as per the PWD SR 2015-16
- 3 The Provision made in estimate are adequate and essential
- 4 This area comes under BBMP limits.

[Signature]

Asst Engineer
Ward No-13

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Asst Executive Engineer
Shettyhall Sub-Division

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು.

[Signature]

Executive Engineer
Dasarahalli Zone
BBMP

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Page No. 47
SL No. 33
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Pg 1A ದಿನಾಂಕ : 01/09/2016
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